

TM SERIES – SPECIFICATIONS

Design Type:	Turbine	
Fitting Size:	1/2" 3/4" 1" 1-1/2" 2"	
Fitting Type:	Schedule 80 Spigot (Pipe) End, NPT (Female) or *BSPP (Female)	
Flow Range:		
1/2" - TM 050:	1 - 10 GPM (3.8 - 38 LPM)	
3/4" - TM075	2 - 20 GPM (7.6 - 76 LPM)	
1" - TM100:	5 - 50 GPM (19 - 190 LPM)	
1-1/2" - TM150	10 - 100 GPM (38 - 380 LPM)	
2" - TM200	20 - 200 GPM (76 - 760 LPM)	
Accuracy:	± 3.0% of reading	
Pressure Rating:	225 PSI / 15.3 BAR at 73° F (23° C)	
BSP:	150 PSI / 10.3 BAR at 73° F (23° C)	
Operating Temperature:	+32° F to +140° F (0° to +60° C)	
Typical K-Factor:		
1/2" - TM050:	2,500 PPG / 660 PPL	
3/4" - TM075	1,100 PPG / 291 PPL	
1" - TM100:	565 PPG / 149 PPL	
1-1/2" - TM150	215 PPG / 57 PPL	
2" - TM200	100 PPG / 26 PPL	
Battery Life:	5 Years	
Wetted Materials:		
Housing:	PVC	
Bearings:	Ceramic	
Shaft:	Tungsten Carbide	
Rotor:	PVDF	
Rings:	316 Stainless Steel	
Shipping Weight (approx.):	Spigot	NPT / BSP
1/2" - TM050:	.38 lbs. (.172 kg)	.55 lbs. (.249 kg)
3/4" - TM075:	.43 lbs. (.304 kg)	.67 lbs. (.304 kg)
1" - TM100:	.49 lbs. (.222 kg)	.49 lbs. (.381 kg)
1-1/2" - TM150:	.66 lbs. (.299 kg)	1.38 lbs. (.626 kg)
2" - TM200:	.78 lbs. (.354 kg)	1.78 lbs. (.807 kg)
Display Features:	Rate of Flow, Batch and Cumulative Totals, Field Calibration available.	
Pulse Output (-P Elec. Choice):	Open Collector (NPN)	
Calibration Report	Comes standard with -P (Pulse out) TM Models. N.I.S.T. – Certification available.	

APPROVALS

